



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

APPENDIX.

TABLES RELATING TO THE FLOUR AND GRAIN TRAFFIC.

TABLE I.

FREIGHT RATES ON WHEAT (PER BUSHEL) FROM CHICAGO TO NEW
YORK BY LAKE AND CANAL, BY LAKE AND RAIL, AND BY ALL
RAIL, AND LAKE RATES FROM CHICAGO TO BUFFALO.

Calendar year	Average rates per bushel				Calendar year	Average rates per bushel			
	By lake and canal ¹ (cents)	By lake and rail (cents)	By all rail (cents)	By lake to Buf- falo (cents)		By lake and canal (cents)	By lake and rail (cents)	By all rail (cents)	By lake to Buf- falo (cents)
1857.....	25.29 ²			9.89 ⁴	1877.....	11.24	15.80	20.50	3.72
1858.....	16.28		38.61 ³	3.76	1878.....	9.15	11.40	17.70	3.07
1859.....	17.59		34.80	5.08	1879.....	11.60	13.30	17.74	4.74
1860.....	24.83		34.80	9.89	1880.....	12.27	15.70	19.80	5.76
1861.....	26.55		41.58	11.53	1881.....	8.19	10.40	14.40	3.44
1862.....	26.33		48.00	10.49	1882.....	7.89	10.90	14.47	2.50
1863.....	22.91		49.20	7.51	1883.....	8.37	11.50	16.20	3.41
1864.....	28.36		60.00	9.58	1884.....	6.31	9.55	13.20	2.18
1865.....	26.62		44.88	9.78	1885.....	5.87	9.02	13.20	2.02
1866.....	29.61		46.20	12.34	1886.....	8.71	12.00	15.00	3.68
1867.....	22.36		44.75	6.67	1887.....	8.51	12.00	15.75	4.13
1868.....	22.79	29.00 ²	37.84	7.14	1888.....	5.93	11.00	14.50	2.56
1869.....	25.12	25.00	35.57	6.81	1889.....	6.89	8.70 ⁵	15.00	2.51
1870.....	17.11	22.00	30.00	5.88	1890.....	5.85	8.50	14.30	1.96
1871.....	20.24	25.00	31.80	7.62	1891.....	5.96	8.53	15.00	2.38
1872.....	24.47	28.00	34.99	11.46	1892.....	5.61	7.55	13.80	2.19
1873.....	19.19	26.90	31.02	7.62	1893.....	6.33	8.44	14.63	1.66
1874.....	14.10	16.90	26.25	4.03	1894.....	4.44	7.00	13.20	1.27
1875.....	11.43	14.60	24.00	3.42	1895.....	4.11	6.95	11.89	1.97
1876.....	9.58	11.80	16.86	2.90	1896.....				

¹ Including canal tolls until 1882, but not Buffalo transfer-charges.

² *Statistical Abstract*, 1896, p. 327.

³ *Report of the Chicago Board of Trade*, 1895, p. 115.

⁴ *JOURNAL OF POLITICAL ECONOMY*, June 1896, p. 414.

⁵ Averages of officially published tariffs.

TABLE II—PART I.
ELEVATING AND STORAGE RATES AT BUFFALO.

Years	Charge to grain (cents)	Charge to vessels (cents)	No. of days' storage
1855 and 1856 ¹	1 $\frac{3}{4}$	$\frac{1}{4}$	5
1857 to 1860 ¹	$\frac{3}{4}$	$\frac{1}{4}$	5
1861.....	$\frac{1}{2}$	$\frac{1}{4}$	5
1862 to 1864.....	$\frac{3}{4}$	$\frac{1}{4}$	5
1865 and 1866.....	1 $\frac{3}{4}$	$\frac{1}{4}$	10
1867 and 1868.....	1 $\frac{3}{4}$	$\frac{1}{4}$	20
1869.....	1 $\frac{3}{4}$	$\frac{1}{4}$	10
1870.....	1	$\frac{1}{4}$	10
1871.....	1	$\frac{1}{4}$	5
1872 and 1873 ²	1 ³	$\frac{1}{4}$	5
1874.....	1	$\frac{1}{4}$	10
1875 and 1876 ²	$\frac{1}{2}$ to $\frac{7}{8}$ ³	$\frac{1}{8}$	5
1877.....	$\frac{7}{8}$	$\frac{1}{8}$	5
1878 ²	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{8}$	5
1879 ²	$\frac{5}{8}$ to $\frac{3}{4}$	$\frac{1}{8}$	5
1880 ² and 1881.....	$\frac{5}{8}$ to $\frac{7}{8}$	$\frac{1}{8}$	5
1882 ¹	$\frac{1}{2}$ ⁴	$\frac{1}{8}$	5
1883 and 1884.....	$\frac{3}{4}$	$\frac{1}{8}$	5

¹ Estimated — Elevators running wild greater part of the year. No records kept; figures obtained from old residents in the grain and vessel interests. ² Running wild part of the year. ³ About. ⁴ Average.—*Internal Commerce*, 1885, p. 489.

TABLE II—PART 2.
ELEVATING AND STORAGE RATES AT BUFFALO, 1870–1895.
(Prepared by Mr. William Thurstone, Secretary of Buffalo Merchants' Exchange.)

Year	Elevating and storage ¹ (cents)	Year	Elevating and storage ¹ (cents)
1870.....	1.25	1884.....	.875
1871.....	1.25	1885.....	.875
1872.....	1.25	1886.....	.875
1873.....	1.25	1887.....	.875
1874.....	1.25	1888.....	.875
1875.....	1.	1889.....	.875
1876.....	1.	1890.....	.875
1877.....	1.	1891.....	.875
1878.....	1.	1892.....	.875
1879.....	1.	1893.....	.875
1880.....	1.	1894.....	.875
1881.....	.875	1895.....	.875
1882.....	.875	1896.....	.875
1883.....	.875		

¹ Storage included; 5 to 10 days the limit.—*Statistical Abstract*, 1896, p. 327.

TABLE III—PART I.

EASTWARD SHIPMENT OF FLOUR AND WHEAT FROM CHICAGO.¹

(,000 omitted.)

Year	Flour (barrels)			Wheat (bushels)		
	Lake	Rail	Total	Lake	Rail	Total
1860.....	218	408	626	11,817	477	12,295
1861.....	542	1,001	1,544	15,005	730	15,736
1862.....	1,146	672	1,819	13,466	290	13,756
1863.....	1,206	272	1,478	10,646	49	10,695
1864.....	1,034	213	1,248	9,983	144	10,128
1865.....	646	721	1,367	6,502	1,147	7,650
1866.....	481	1,555	2,037	5,827	3,605	9,433
1867.....	650	1,187	1,837	8,492	1,072	9,564
1868.....	774	1,749	2,524	8,896	2,114	11,010
1869.....	829	1,323	2,152	11,279	1,758	13,037
1870.....	574	989	1,563	13,429	2,621	16,050
1871.....	488	694	1,182	12,120	576	12,697
1872.....	223	1,022	1,246	8,831	2,363	11,195
1873.....	428	1,773	2,201	15,528	8,149	23,678
1874.....	555	1,672	2,227	16,974	9,729	26,703
1875.....	328	1,872	2,201	16,061	5,956	22,017
1876.....	236	2,309	2,546	7,396	5,378	12,775
1877.....	148	2,229	2,693	10,345	2,957	13,303
1878.....	321	2,371	3,005	12,903	10,018	22,922
1879.....	330	2,675	2,791	17,622	12,282	29,855
1880.....	527	2,263	4,390	16,685	4,728	21,413
1881.....	159	4,231	4,390	7,688	7,680	15,368
1882.....	792	2,871	3,663	14,944	2,389	17,333
1883.....	801	3,062	3,863	7,067	2,590	9,658
1884.....	753	3,920	4,674	11,518	6,319	17,838
1885.....	652	4,425	5,078	5,436	5,422	10,859
1886.....	1,391	2,189	3,580	10,513	2,396	12,909
1887.....	1,544	4,456	6,001	17,313	6,542	23,855
1888.....	1,711	3,451	5,162	5,895	3,632	9,527
1889.....	1,811	1,769	3,581	10,330	3,841	14,172
1890.....	1,757	2,091	3,848	6,965	2,908	9,874
1891.....	1,640	2,244	3,885	31,102	5,470	36,573
1892.....	2,455	3,123	5,588	33,498	6,812	40,310
1893.....	1,471	3,964	5,435	19,720	2,618	22,339
1894.....	1,630	1,926	3,556	15,016	940	15,957
1895.....	791	1,597	2,389	13,258	5,666	18,925
1896.....	1,006	1,628	2,635	13,232	9,342	22,575

¹The statements cover the calendar years, except from 1863 to 1869, when the trade-year of the Chicago Board of Trade ended March 31. The figures for the years from 1863 to 1883 (inclusive) were taken from *Internal Commerce of the United States*, 1882, pp. 59, 60; those for the other years were compiled by me from the *Reports of Chicago Board of Trade*. It is assumed in these tables that all flour and grain forwarded by lake was shipped eastward, and this is approximately correct.

TABLE III—PART 2.

EASTWARD SHIPMENT OF CORN AND OATS FROM CHICAGO.¹

(,000 omitted.)

Year	Corn (bushels)			Oats (bushels)		
	Lake	Rail	Total	Lake	Rail	Total
1860.....	13,063	577	13,640	605	242	847
1861.....	23,987	352	23,987	1,422	69	1,492
1862.....	30,345	125	30,470	2,470	357	2,828
1863.....	24,749	130	24,879	5,696	2,761	8,458
1864.....	11,993	654	12,648	12,098	3,023	15,121
1865.....	24,421	674	25,095	8,719	1,532	10,252
1866.....	31,457	1,452	32,910	7,395	1,911	9,306
1867.....	19,940	1,612	21,553	9,772	388	10,160
1868.....	21,671	3,367	25,038	12,755	2,004	14,760
1869.....	17,019	4,457	21,477	5,791	2,964	8,755
1870.....	13,598	4,018	17,616	6,339	2,064	8,403
1871.....	34,200	2,435	36,636	8,797	3,313	12,111
1872.....	41,589	5,388	46,977	6,370	5,853	12,224
1873.....	34,487	2,194	36,681	5,985	9,559	15,545
1874.....	30,242	2,364	32,607	4,741	5,674	10,415
1875.....	21,850	4,321	26,172	4,579	5,511	10,091
1876.....	28,104	17,299	45,403	2,997	8,166	11,163
1877.....	38,607	7,657	46,265	5,013	7,424	12,438
1878.....	46,368	13,504	59,873	6,255	10,169	16,424
1879.....	41,561	19,711	61,272	1,589	11,880	13,470
1880.....	72,400	21,100	93,501	2,139	18,402	20,542
1881.....	44,164	29,623	73,787	4,807	17,844	22,651
1882.....	31,394	16,911	48,306	3,633	18,930	22,564
1883.....	47,738	22,579	70,317	4,938	26,302	31,241
1884.....	27,360	24,136	51,497	5,444	27,636	33,081
1885.....	29,382	28,590	57,972	1,571	29,604	31,175
1886.....	40,956	13,692	54,653	3,219	27,240	30,460
1887.....	38,710	9,851	48,562	10,215	24,357	34,572
1888.....	47,759	19,882	67,642	13,764	24,385	38,149
1889.....	63,200	18,971	82,172	24,948	23,677	48,626
1890.....	57,255	31,424	88,679	18,522	50,382	68,904
1891.....	40,069	25,282	65,352	17,832	48,518	66,351
1892.....	43,920	19,900	63,820	19,127	44,567	63,695
1893.....	62,967	15,055	78,022	22,563	41,425	63,988
1894.....	37,148	16,171	53,319	13,913	32,719	46,633
1895.....	47,857	10,384	58,242	17,674	46,472	64,147
1896.....	74,379	12,060	86,439	23,798	55,856	79,655

¹ See note I.

TABLE IV.
ALL-RAIL THROUGH BUSINESS (THROUGH CHICAGO).¹
(,000 omitted.)

Year	Flour (barrels)	Wheat (bushels)	Corn (bushels)	Oats (bushels)
1877 ²	1,891	1,165	4,814	4,476
1878.....	2,126	6,196	6,324	5,902
1879.....	2,379	3,948	14,108	6,810
1880.....	2,041	1,695	13,057	9,856
1881.....	3,858	3,040	16,928	10,410
1882.....	3,129	2,291	9,545	9,745
1883.....	3,059	3,045	15,031	19,348
1884.....	3,548	5,444	20,718	23,013
1885.....	4,033	5,119	24,489	21,172
1886.....	2,754	2,064	12,566	19,845
1887.....	5,662	6,895	11,292	23,718
1888.....	3,772	6,506	27,681	27,805
1889.....	2,104	2,353	18,767	15,574
1890.....	2,637	2,393	23,622	36,358
1891.....	2,694	3,285	16,485	27,287
1892.....	1,723	4,837	14,610	28,805
1893.....	2,197	2,555	13,392	26,927
1894.....	1,860	697	11,297	20,436
1895.....	922	1,443	6,906	30,648
1896.....	778	3,539	8,254	40,334

¹ This statement shows the amount of flour and grain received at Chicago over six western railways and delivered to connecting lines without passing through a Chicago elevator. Through shipments originating in Milwaukee are included.—*Report of Chicago Board of Trade*. This table has been compiled from the Reports of the Chicago Board of Trade.

² The statement for 1877 shows the amount of flour and grain received at Chicago over western railways and delivered to connecting lines without the intervention of a Chicago consignee.—*Report of Chicago Board of Trade*, 1877, p. 88.

TABLE V—PART I.

RECEIPTS OF FLOUR AND WHEAT AT ERIE AND BUFFALO BY LAKE,
AND RECEIPTS AT THE LEADING EIGHT ATLANTIC PORTS.

(,000 omitted.)

Year	Flour (bbls.)			Leading eight Atlantic ports	Wheat (bu.)			Leading eight Atlantic ports
	Erie ¹	Buffalo ²	Total		Erie ¹	Buffalo ²	Total	
1868	117	1,502	1,620	7,444	424	12,555	12,979	20,764
1869	156	1,598	1,754	8,427	672	19,228	19,901	38,633
1870	229	1,470	1,699	8,897	770	20,556	21,326	36,603
1871	167	1,278	1,445	8,618	731	22,606	23,338	43,527
1872	178	762	941	8,193	937	14,304	15,242	28,186
1873	216	1,259	1,475	9,260	2,511	30,618	33,130	52,614
1874	295	1,693	1,989	10,057	3,598	29,778	33,376	62,751
1875	320	1,810	2,131	9,411	3,132	32,967	36,099	54,457
1876	185	807	992	9,120	1,822	19,324	21,147	42,881
1877 ³	85	693	778	8,334	2,507	23,284	25,791	46,828
1878 ³	309	911	1,221	9,604	3,458	35,419	38,877	110,775
1879 ³	368	897	1,265	11,291	3,244	37,788	41,032	144,204
1880 ³	594	1,317	1,912	10,323	3,936	40,510	44,446	135,776
1881 ³	492	1,051	1,543	10,558	2,029	18,495	20,524	85,843
1882 ³	870	1,199	2,069	12,414	1,630	26,050	27,680	81,837
1883 ³	810	2,071	2,882	13,429	649	24,105	24,754	58,836
1884	557	2,615	3,172	13,037	2,221	32,469	34,691	67,997
1885	568	2,903	3,471	13,352	514	27,130	27,645	46,076
1886	371	4,582	4,953	13,591	1,144	41,430	42,574	71,666
1887	919	4,001	4,920	15,692	1,500	48,111	49,611	83,177
1888	988	5,244	6,233	14,398	317	27,548	27,865	35,809
1889	1,655	5,480	7,136	13,611	1,125	26,051	27,177	30,015
1890	1,655 ⁴	6,245	7,901	15,290	144	24,868	25,033	29,072
1891	990	7,093	8,083	17,040	6,803	76,945	83,748	102,489
1892	2,001	9,746	11,748	20,554	7,841	78,243	86,085	116,145
1893	1,704	10,562	12,266	21,378	3,334	68,243	71,578	86,052
1894	2,192	11,488	13,681	20,795	2,255	50,194	52,449	61,725
1895	1,918	8,971	10,889	19,271	1,777	47,256	49,033	49,205
1896	1,907	10,384	12,291	20,059	5,643	54,411	60,054	65,076

¹ The receipts at Erie are those given in the *Annual Reports of the New York Produce Exchange*.

² The receipts at Buffalo are those given in "A Sketch of the Commerce, Industries and Resources of Buffalo, 1883," by William Thurstone, Secretary of the Buffalo Merchants' Exchange, in the *Annual Reports of the New York Produce Exchange*, and in the *Annual Reports of the Buffalo Merchants' Exchange*.

³ Canadian receipts through the customhouse not included in 1877, 1878, 1879, 1880, 1881, 1882, and 1883 in the statements of Buffalo receipts.

⁴ No separate record kept; estimated same as in 1889.

TABLE V—PART 2.

RECEIPTS OF CORN AND OATS AT ERIE AND BUFFALO BY LAKE,
AND RECEIPTS AT THE LEADING EIGHT ATLANTIC PORTS.

(,000 omitted.)

Year	Corn (bu.)			Leading eight Atlantic ports	Oats (bu.)			Leading eight Atlantic ports
	Erie ¹	Buffalo ²	Total		Erie ¹	Buffalo ²	Total	
1868	517	16,804	17,321	30,800	314	11,492	11,806	16,755
1869	637	11,549	12,186	20,315	130	5,459	5,589	15,259
1870	554	9,410	9,964	18,655	521	6,846	7,367	15,486
1871	301	26,110	26,412	46,417	42	9,006	9,048	21,015
1872	621	34,643	35,264	71,488	947	6,050	6,997	22,254
1873	1,344	28,550	29,895	49,322	351	5,972	6,323	22,270
1874	1,500	24,974	26,474	51,749	594	5,396	5,991	20,333
1875	859	22,593	23,452	46,929	187	8,494	8,682	19,070
1876	2,941	20,939	23,881	84,713	305	2,397	2,703	23,705
1877 ³	3,022	33,362	36,385	82,716	32	4,279	4,301	19,243
1878 ³	3,195	35,133	38,329	97,306	137	5,122	5,260	23,842
1879 ³	2,119	32,990	35,110	94,680	279	1,104	1,384	20,786
1880 ³	7,070	62,214	69,284	115,410	5	649	654	23,714
1881 ³	4,667	34,434	39,102	84,983	511	3,565	4,076	24,738
1882 ³	2,578	21,664	24,243	28,402	547	1,650	2,197	25,464
1883 ³	3,140	34,975	38,115	62,764	275	3,226	3,502	30,040
1884	1,263	18,538	19,801	39,555	19	3,174	3,194	31,525
1885	1,647	21,028	22,675	77,440	5	767	772	40,412
1886	1,479	29,155	30,634	67,585	...	1,014	1,014	35,917
1887	354	30,199	30,554	43,614	...	4,656	4,656	35,449
1888	1,636	36,422	38,058	47,799	68	7,897	7,965	40,052
1889	3,522	47,127	50,649	83,149	551	14,309	14,861	38,415
1890	7,225	44,136	51,362	92,444	5	13,860	13,865	52,310
1891	2,231	29,616	31,847	50,949	183	12,454	12,637	45,563
1892	5,595	32,377	37,973	83,838	...	16,500	16,500	56,453
1893	8,009	40,539	48,549	59,802	361	20,700	21,061	52,495
1894	2,651	29,078	31,730	53,546	5	15,560	15,565	44,940
1895	2,759	37,579	40,339	66,933	50	22,231	22,281	45,109
1896	6,843	47,811	54,654	113,456	384	40,107	40,492	78,919

¹The receipts at Erie are those given in the *Annual Reports of the New York Produce Exchange*.

²The receipts at Buffalo are those given in "A Sketch of the Commerce, Industries and Resources of Buffalo, 1883," by William Thurstone, Secretary of the Buffalo Merchants' Exchange in the *Annual Reports of the New York Produce Exchange* and in the *Annual Reports of the Buffalo Merchants' Exchange*.

³Canadian receipts through customhouse not included in 1877, 1878, 1879, 1880, 1881, 1882 and 1883 in the statements of Buffalo receipts.

TABLE VI—PART I.

EXPORTS OF FLOUR AND WHEAT FROM NEW ORLEANS AND GALVESTON.¹
(,000 omitted.)

Year	Flour (bbls.)			Wheat (bu.)		
	New Orleans	Galveston	Total	New Orleans	Galveston	Total
1880	52	0	52	3,923	0	3,923
1881	64	2	66	7,671	0	7,671
1882	28	0	28	1,543	0	1,543
1883	84	0	84	7,089	3	7,092
1884	33	0	33	648	27	675
1885	25	0	25	1,590	2	1,592
1886	..	..	..	....	....	....
1887	54	4	58	4,346	0	4,346
1888	43	0	43	1,566	0	1,566
1889	32	0	32	961	0	961
1890	44	19	63	1,523	....	1,523
1891	52	12	64	10,336	587	10,923
1892	226	21	247	14,207	378	14,585
1893	118	51	169	12,897	1,311	13,208
1894	133	59	192	2,926	135	3,061
1895	91	53	144	836	....	836
1896	268	58	326	3,853	3,439	7,292

¹ For 1880 to 1890 the figures were obtained from *Commerce and Navigation of United States* and for 1889 to 1896 from the *Annual Reports of the New York Produce Exchange*. The exports were taken instead of the receipts because the former alone could be competitive traffic.

TABLE VI—PART 2.

EXPORTS OF CORN AND OATS FROM NEW ORLEANS AND GALVESTON.

Year	Corn (bu.)			Oats (bu.)		
	New Orleans	Galveston	Total	New Orleans	Galveston	Total
1880	8,039	0	8,039	4	0	4
1881	8,900	0	8,900	2	0	2
1882	1,740	0	1,740	3	0	3
1883	6,378	3	6,381	8	0	8
1884	6,052	0	6,052	3	0	3
1885	6,645	0	6,645	4	0	4
1886	....	....	....	..	..	0
1887	7,506	0	7,506	2	5	7
1888	4,950	0	4,950	1	0	1
1889	11,813	0	11,813	0	0	0
1890	12,028	36	12,064	26	1	27
1891	1,912	13	1,925	2	..	2
1892	7,379	145	7,524	9	..	9
1893	6,506	98	6,604	123	13	136
1894	5,441	5	5,446	13	18	31
1895	8,757	1,233	8,990	24	..	24
1896	25,293	6,222	31,515	262	..	262